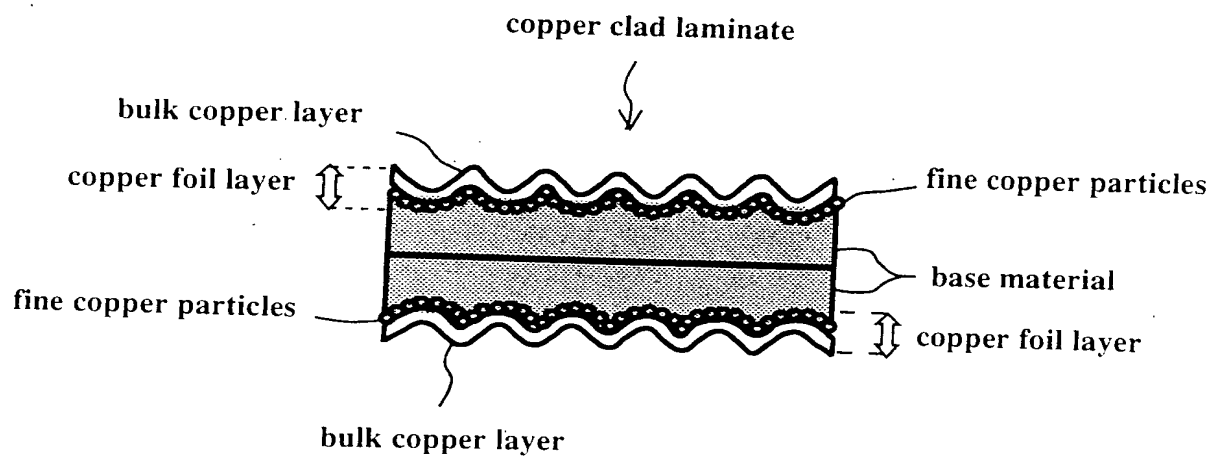




Application No.: 09/855,382  
Filed: May 15, 2001  
Attorney Docket No.: 47163-00037  
Attorney: Harold N. Wells  
Telephone No.: (312) 425-3900  
Sheet 1 of 9

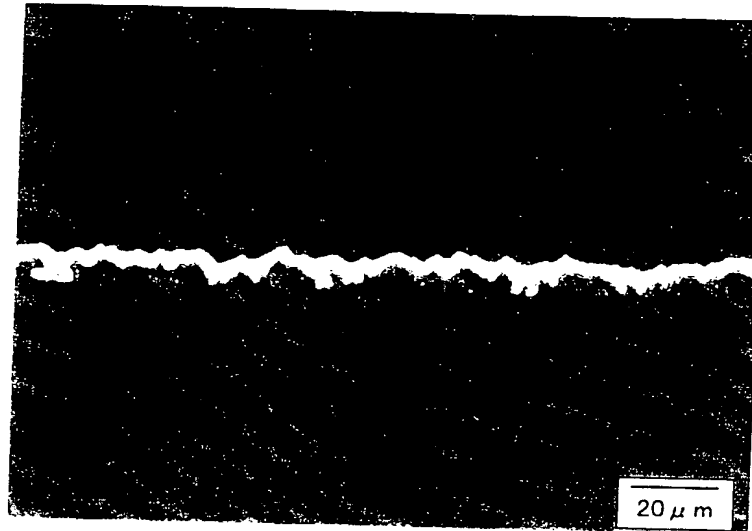
**FIG. 1**



**BEST AVAILABLE COPY**



**FIG. 2**

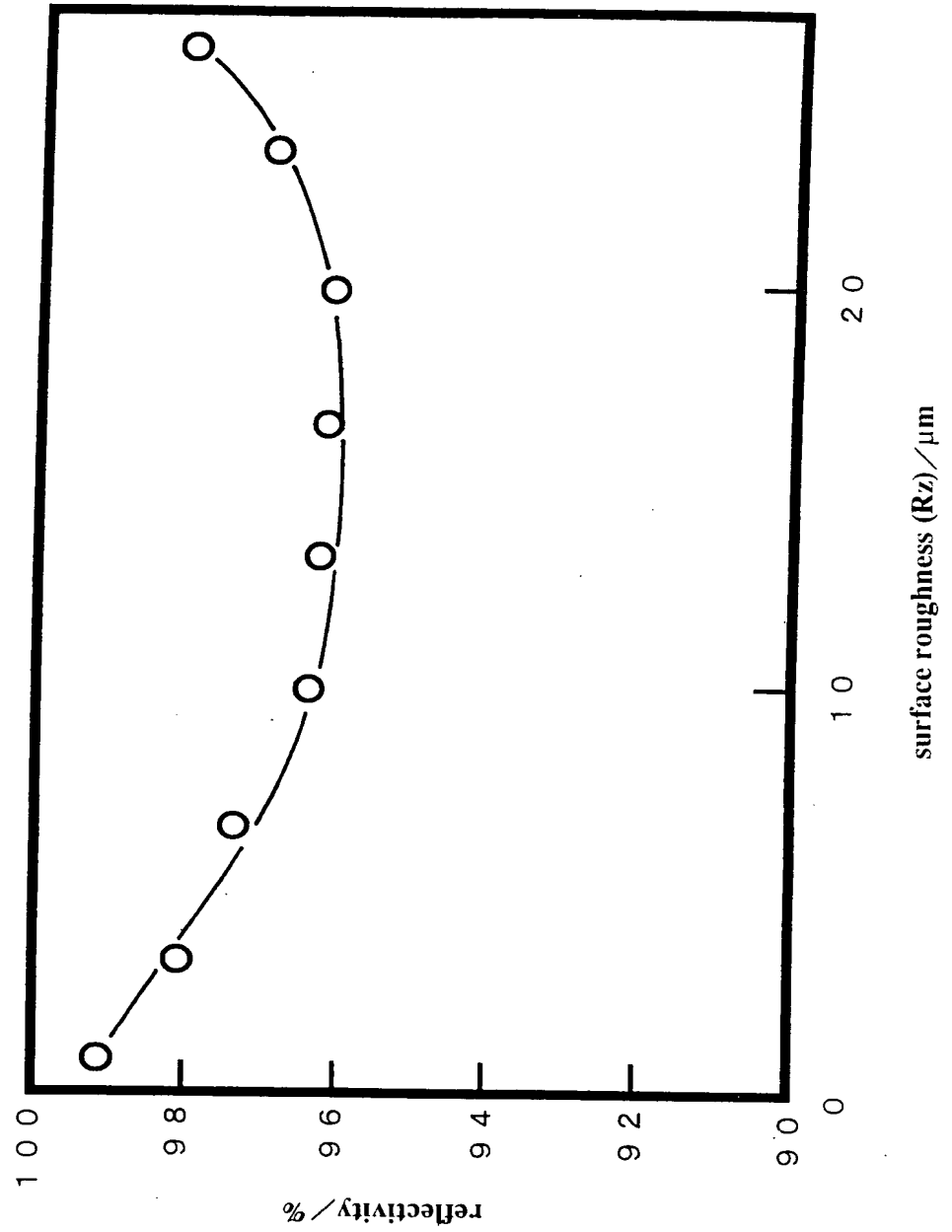


**BEST AVAILABLE COPY**



Application No.: 09/855,382  
Filed: May 15, 2001  
Attorney Docket No.: 47163-00037  
Attorney: Harold N. Wells  
Telephone No.: (312) 425-3900  
Sheet 3 of 9

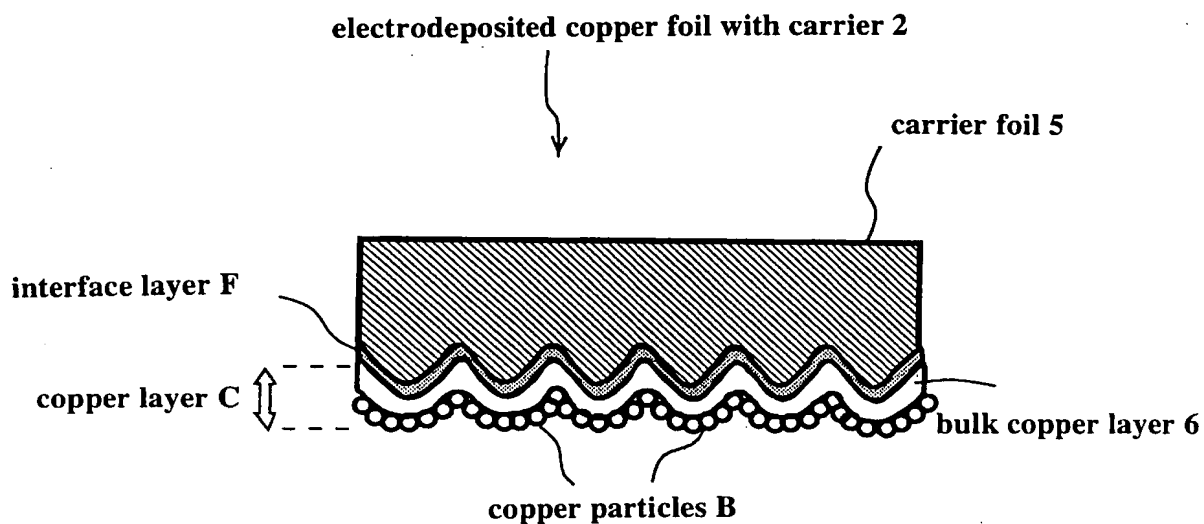
**FIG. 3**





Application No.: 09/855,382  
Filed: May 15, 2001  
Attorney Docket No.: 47163-00037  
Attorney: Harold N. Wells  
Telephone No.: (312) 425-3900  
Sheet 4 of 9

**FIG. 4**

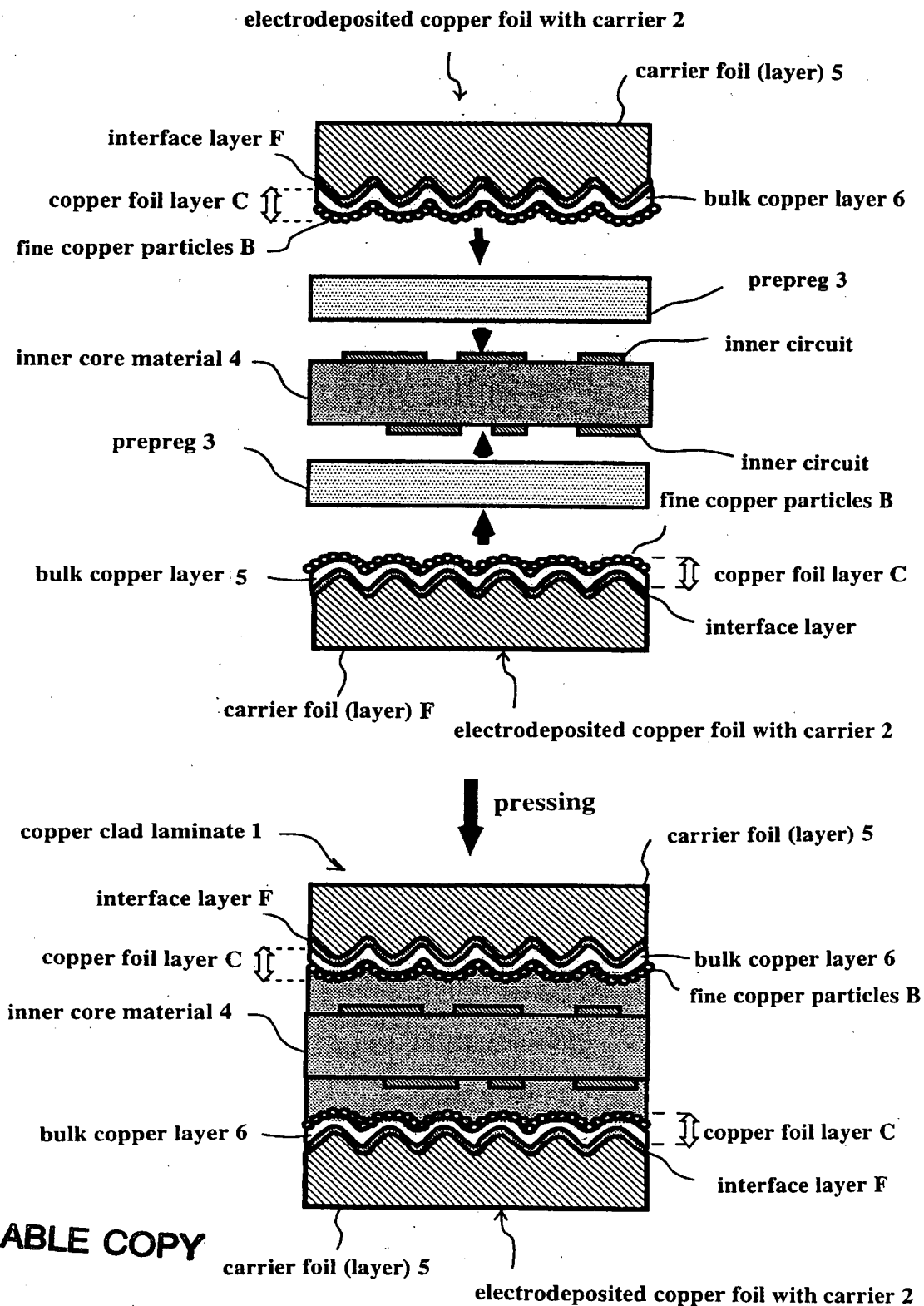


BEST AVAILABLE COPY

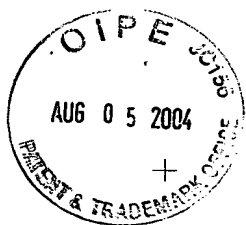


**FIG. 5A**

**(a) Manufacturing of copper clad laminate**

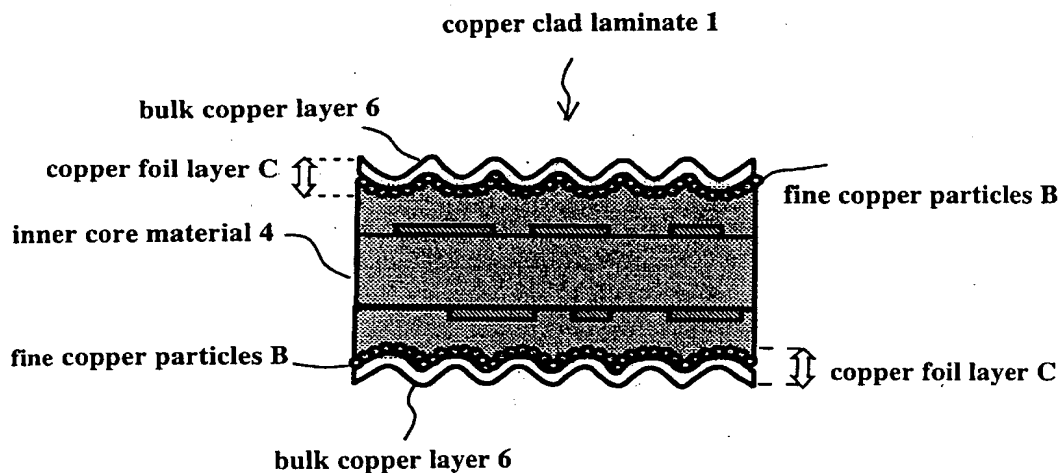


BEST AVAILABLE COPY



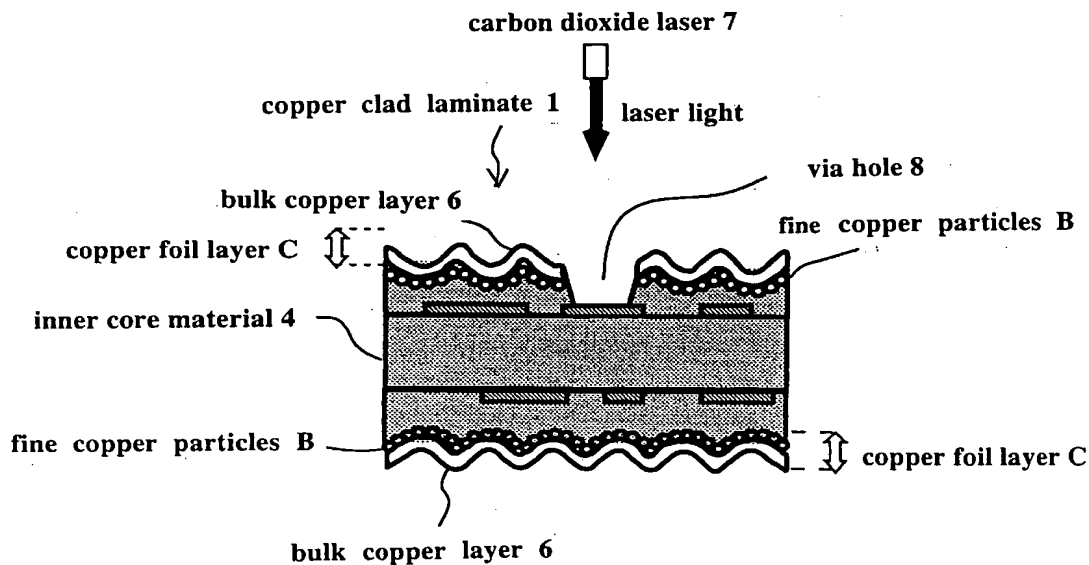
**FIG. 5B**

(b) Peeling of Carrier Foil



**FIG. 5C**

(c) Laser Treatment for Forming Holes

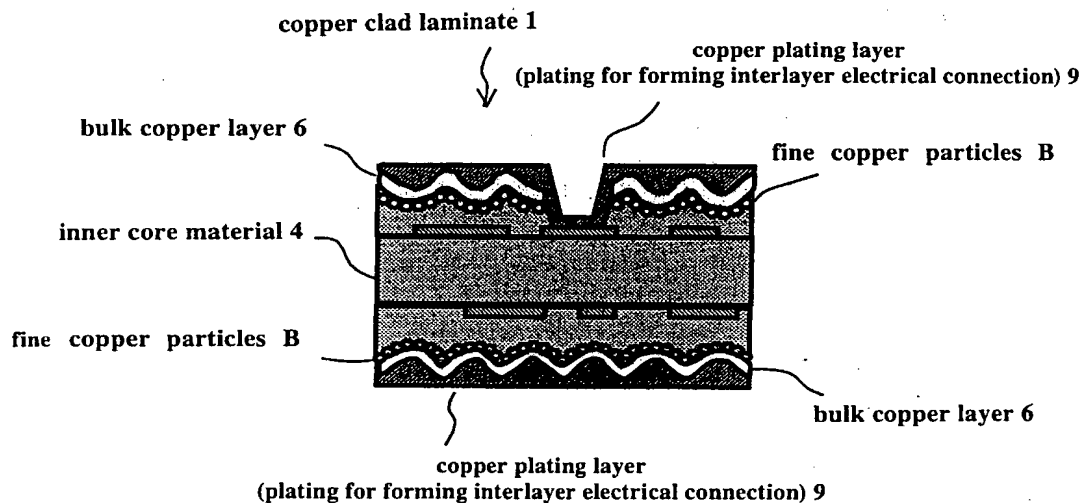


BEST AVAILABLE COPY



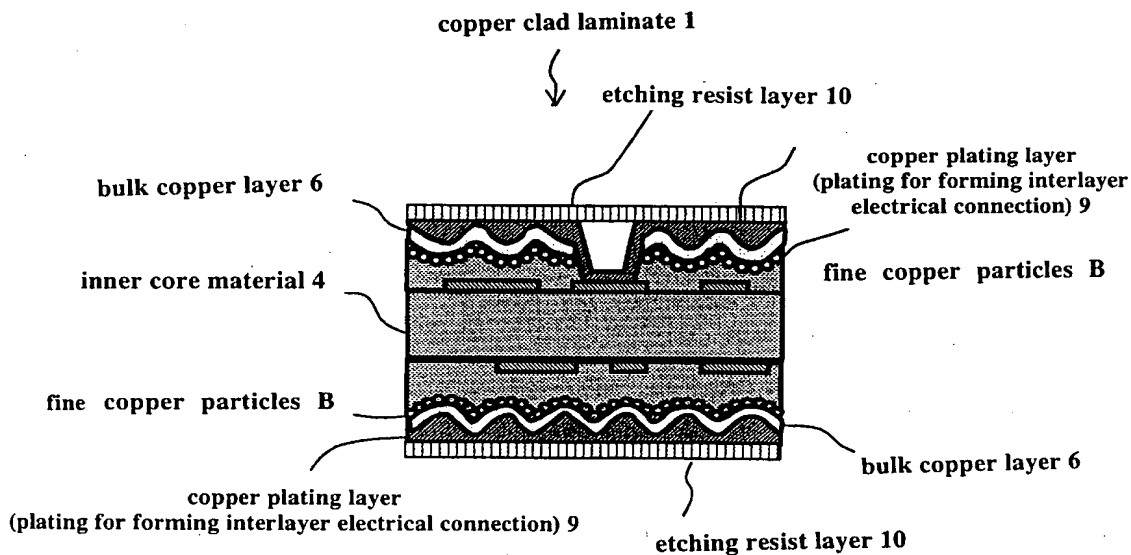
## FIG. 5D

(d) Copper Plating for Forming Interlayer Electrical Connection



## FIG. 5E

(e) Forming Etching Resist Layers

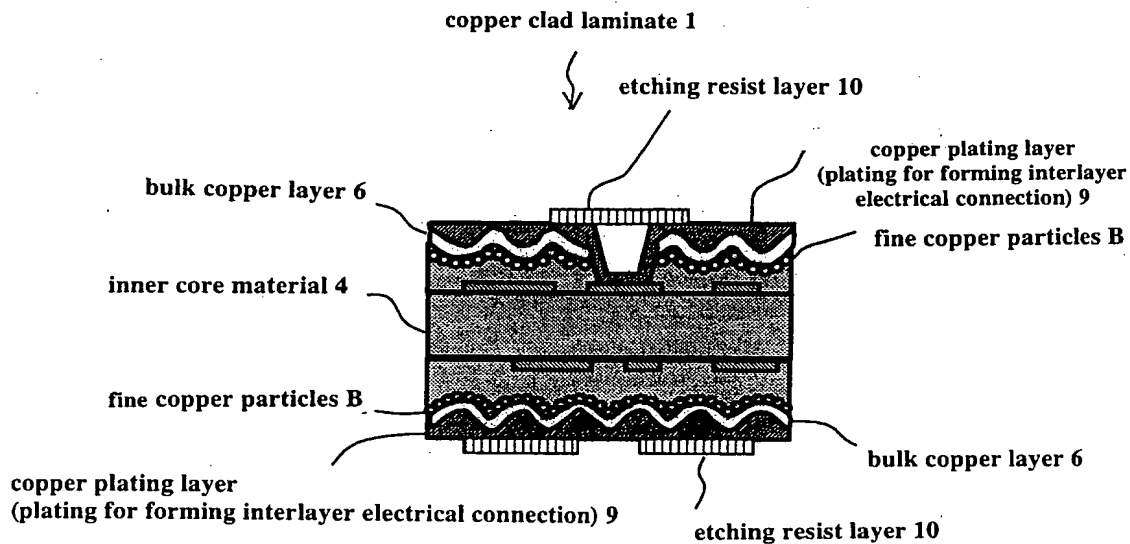


BEST AVAILABLE COPY



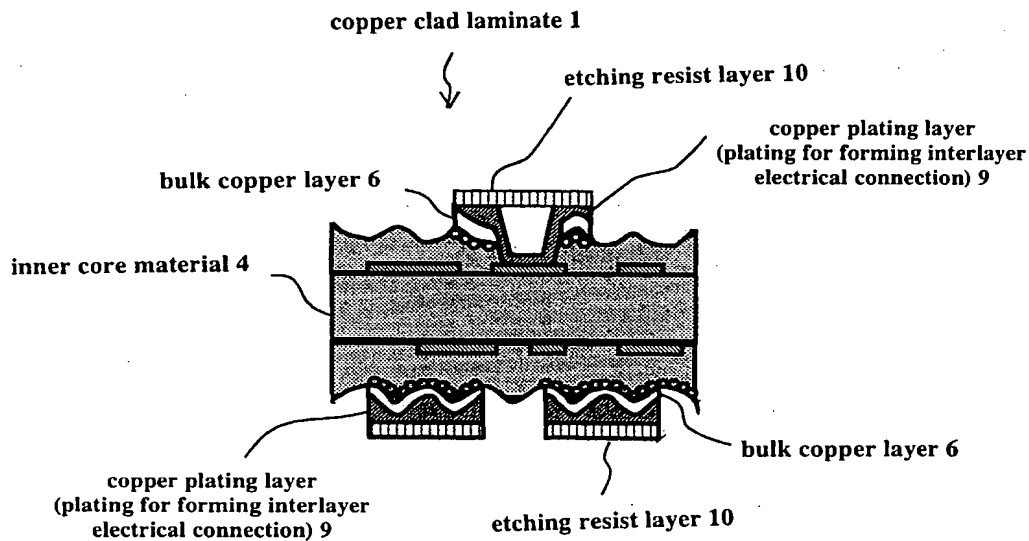
## FIG. 5F

(f) Exposing and Developing the Etching Resist Layers



## FIG. 5G

(g) Copper Etching



BEST AVAILABLE COPY

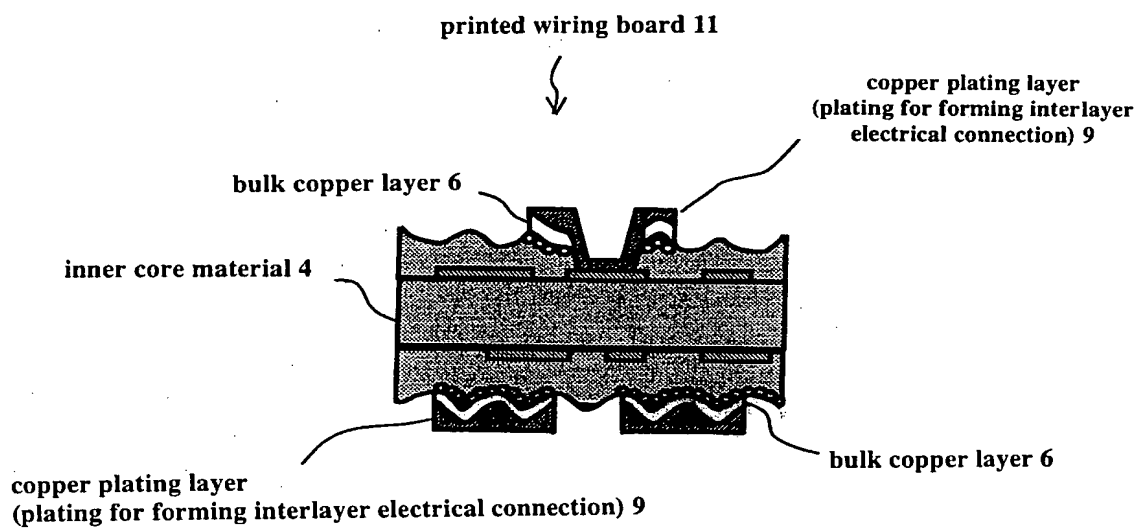




Application No.: 09/855,382  
Filed: May 15, 2001  
Attorney Docket No.: 47163-00037  
Attorney: Harold N. Wells  
Telephone No.: (312) 425-3900  
Sheet 9 of 9

## FIG. 5H

(h) Peering of Etching Resist Layers



BEST AVAILABLE COPY